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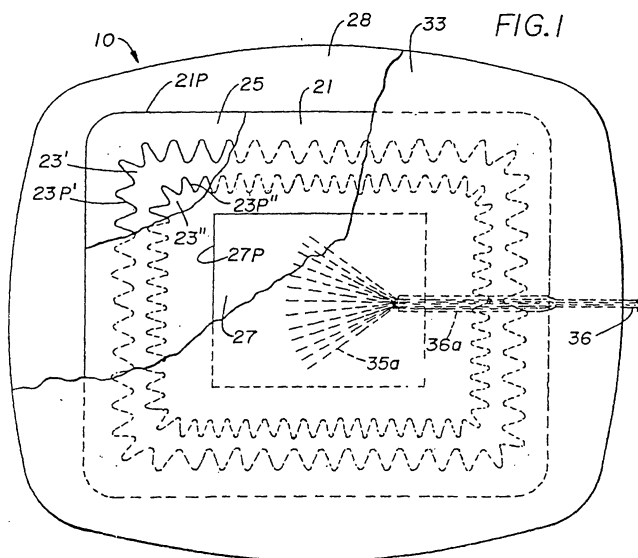
(62) Document number(s) of the earlier application(s) in
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(54) **X-ray transmissive transcutaneous stimulating electrode**

(57) A disposable transcutaneous electrode comprising, a sheet electrode member of electrically conductive carbon filled polymer, an electrically conductive metal/metal coating on at least a major portion of the lower side of the electrode member. A pad of electrically conductive gel having an upper surface underlies the metal/metal chloride coating on the lower side of the electrode member. A current distributing mat conductively adhered to the upper side of the sheet electrode member has a perimeter spaced inwardly of the perimeter of the electrode member and includes an open

mesh metallized carbon fiber web having a carbon impregnated pressure sensitive adhesive composition on upper and lower sides of the web. The mat is configured to be electrically conductive along the surfaces of the mat and transverse to the surfaces of the mat. Defibrillating energy is conducted to or from the upper side of the mat by, e.g., a sheathed electrical conductor, a conductive post stud, a metal tab conductor or similar element. The sheet electrode member and the current distributing mat are configured to be X-ray transparent and capable of conducting energy at levels sufficient for defibrillation.



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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A,D	US 5 265 579 A (FERRARI R KEITH) 30 November 1993 (1993-11-30) * column 3, line 38 - column 9, line 55; figures *	1-3, 6-15, 18-27	A61N1/04
A,D	US 5 356 428 A (WAY TIM J) 18 October 1994 (1994-10-18) * column 3, line 15 - column 7, line 14; figures *	1-3, 8-15,20, 21	
A,D	US 4 685 467 A (CARTMELL JAMES V ET AL) 11 August 1987 (1987-08-11) * column 3, line 41 - column 8, line 8; figures *	1,2, 6-10,14, 18,21	
A	US 5 372 125 A (LYONS JOSEPH N) 13 December 1994 (1994-12-13) * column 6, line 66 - column 10, line 45; figures *	1,2,9, 14,19	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A,D	US 4 257 424 A (CARTMELL JAMES V) 24 March 1981 (1981-03-24) * column 1, line 64 - column 5, line 2; figures *	1,2,9, 14,21	A61N A61B
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 August 2004	Examiner Rakotondrajaona, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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